

HAPPENINGS at the SAB

...ensuring a solid technical basis for environmental protection

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DR. JOAN DAISEY: CHANGER, CHARGER, CHARMER

Dr. Donald G. Barnes, Staff Director, Science Advisory Board

US Environmental Protection Agency, Washington, DC.

Remarks delivered at Joan Daisey Memorial Session

10th Annual Conference of the International Society of Exposure Analysis

Asilomar Conference Center, Monterey Peninsula, CA.

October 26, 2000

EDITORIAL

First, the boring stuff.

Joan served the Science Advisory Board (SAB) at the USEPA for 14 years, first as a Consultant for special reviews, and later as Member and Chair of the Indoor Air Quality/Total Human Exposure Committee [later re-named as the

Integrated Human Exposure Committee (IHEC)], Member of the Research Strategies Committee (RSAC), and, finally, as Chair of the SAB Executive Committee (EC). She had just begun her second 2-year term as EC Chair when she died.

During this extensive service, she signed off on seven major reports as IHEC Chair and over 60 reports as EC Chair. In attending more than 50 SAB meetings during this time, she flew a distance equal to the distance from here to the moon, or roughly 10 times around the earth. I like to think that she is now using all of those frequent flyer miles that were denied her as a Special Government Employee!

Now, the more interesting stuff.

Joan was a many-faceted woman--capable scientist, encouraging mentor, indefatigable hiker, family sparkplug. But to me, she was a Changer, a Charger, and Charmer.

Joan Daisey: The Changer

Joan was always on the look-out for changing things, making improvements, advancing the ball. For

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example, shortly after becoming the Chair of the Indoor Air Quality/Total Human Exposure Committee -- an acronym-challenged name, if there ever was one -- she impishly lobbied to have the committee renamed the "Total Human Exposure Committee", whose acronym -- THE Committee -- she felt would finally give the field of exposure science the recognition, prominence, and respect that too often eluded it in the past! But Washington being Washington, cooler -- and some might say, less imaginative and more bureaucratic heads prevailed -- and Joan became the first Chair of the Integrated Human Exposure Committee (IHEC).

She was more successful in changing arguably more important aspects of life at the SAB. For example, during her short tenure as EC Chair the percentage of women serving as Members of the Board increased by more than 20%.

At her first meeting as EC Chair, she presided over the SAB's first-ever Strategic Planning Retreat, a 2-day meeting held at the College of Preachers on the grounds of the National Cathedral in Washington. "How can anyone doubt the results of such a meeting," she would later recall with a sparkle in her eye. The Staff resisted her suggestion that the report from the Retreat be written on stone tablets!

Joan Daisey: The Charger

In general, Joan was a "straight-line" thinker; that is, when she saw a problem or an opportunity, she would address it directly. For example, in the spring of 1997, Dr. Genevieve Matanoski was nearing the end of the second (and, by policy, last) of her 2-year terms as EC Chair. Therefore, I made it a point to approach all of the EC Members to solicit their views on quality candidates for that post. I can still remember that I raised the issue with Joan during an afternoon walk on the LBL campus. After giving me her suggestions about several of her capable colleagues on the Board, she stopped, looked at me, and asked directly, "Why not me?" Why not, indeed!

The production record of the SAB during her tenure is replete with examples of how Joan's leadership contributed to and often led to hard-charging advice on difficult matters. For example, as IHEC Chair, she oversaw the activities of a Tom McKone-chaired Subcommittee that reviewed some of the Agency's seminal work on risks posed by indirect routes of exposure. Also, she co-Chaired -- with Dr. Matanoski-- an important review of the Agency's Report to Congress on Mercury, much of whose advice has been re-iterated and expanded upon in a recent report from the National Research Council.

While now is not the time or place to go over all of the technical reports that bear her mark, I do want to make mention of a just-published SAB report entitled "Toward Integrated Environmental Decision-making". This report is the product of the longest, most complex, most interdisciplinary, and -- in some ways -- the most frustrating project every undertaken by the SAB. Joan co-chaired the Subcommittee on Health and Exposure and served on the overall project Steering Committee. I personally believe that if it had not been for the energy, commitment, and untiring doggedness of Joan and a few other leaders, this report would never have been completed. She saw the vision; she saw the way; and she saw it through. It is now up to us to carry on that Charge.

Joan Daisey: The Charmer

But when we think of Joan today, we remember Joan, the person, as illustrated on p. 11 of the program for this conference. As I look at that picture, I am reminded of the fact that so much of Joan's personality was reflected in and channeled through her eyes.

Those beautiful eyes were forever clear and sparkling, projecting a message of "Here I am: light, lilting, and ready to laugh." Those beautiful eyes had a refreshingly low tolerance for flashy, unctuous, or pompous behavior. She had a wonderful signature gesture, in which, when confronted with such behavior, she would tilt her head back to one side and

those eyes would roll back in her head, visually saying, "Right. Give me a break!"

Those same eyes that could be penetrating and relentless when pursuing a technical point could also be soft and compassionate when she befriended and mentored SAB colleagues and staff who were going through difficult times.

I could also see her eyes during my last conversation with Joan on the phone, during which she was characteristically light, lilting, and ready to laugh. She telephonically turned those eyes to me one last time and declared that her service on the SAB had been one of the most uniformly positive experiences of her life. "Tell them that I love them all."

Shortly thereafter, she closed her eyes in peace. So it's not those 60+ reports or that trip to the moon that we have chosen to remember in the SAB Conference Room in the EPA Headquarters Building in Washington. No, it's simply a picture of Joan...and those eyes.

Each year, the SAB generates an Annual Report that describes the state-of-the-Board, its recent work, and its plans for the future. The report for fiscal year 2000 will be dedicated to Joan through a frontispiece that reads, in part, "...Dr. Daisey brought to the SAB a deep commitment to its mission. strong leadership to its organization, unswerving integrity to its process, and bounteous joy and grace to share with its Members and Staff, who had the uncommon pleasure of working with her."

TENTATIVE SAB MEETING CALENDAR FOR OCTOBER AND NOVEMBER

Several of the Federal Advisory Committee Act (FACA) meetings noted below have been announced in the Federal Register (FR), together with additional background information. Readers can automatically receive e-mailed copies of FR Notices by subscribing to the SAB Listserver; see Section Updates below.

If a series of meetings is anticipated, the number of the meeting in the series is indicated in parentheses; e.g., "(#2)".

NOVEMBER



1-2

Committee: Executive Committee (EC)
Location: Ariel Rios Building, Room 6013
Meeting: Review Meeting and Science and Stakeholder Involvement
Workshop
Chair: Dr. Joe Mauderly, Lovelace Respiratory Research Institute
DFOs: Dr. Donald G. Barnes
Dr. Angela Nugent
Email: barnes.don@epa.gov
nugent.angela@epa.gov

1-2

Committee: Executive Committee (EC) Dioxin Subcommittee
Location: Ramada Plaza Hotel, Alexandria, VA
Meeting: Dioxin
Chair: Dr. Morton Lippmann, New York University
DFO: Mr. Samuel Rondberg
Email: SamuelR717@aol.com

DECEMBER



6-8

Committee: Environmental Engineering Committee (EEC)
Location: TBA
Meeting: IRP - Relative Risk Reduction Options
Chair: *Dr. Hilary Inyang, University of Massachusetts - Lowell*
DFO: *Ms. Kathleen Conway*
Email: conway.kathleen@epa.gov

12-14

Committee: Radiation Advisory Committee (RAC)
Location: TBA
Meeting: MARLAP Planning
Chair: *Dr. Janet Johnson, Shepherd Miller, Inc.*
DFO: *Ms. Melanie Medina -Metzger*
Email: metzger-medina.melanie@epa.gov

[TO VIEW A TENTATIVE 6 MONTH CALENDAR CLICK HERE](#)

OR

GO TO THE SAB WEBSITE WWW.EPA.GOV/SAB/MTGCAL.HTM

FY01 SAB Committee Rosters



The Administrator has made her appointments for membership on the Science Advisory Board for the coming year. Listed below are the updated rosters for each of the SAB Committees for FY2000. FY00 Members who have been reappointed for an additional 2-year term are indicated by (+). Change in appointment are indicated by (o). First time appointees are indicated by (*).

Executive Committee (EC)

Chair: TBA

- " Dr. Henry A. Anderson, Wisconsin Department of Health and Family Services, Madison, WI
- " Dr. Trudy Cameron, University of California, Los Angeles, CA
- + Dr. Kenneth Cummins, Humboldt State University, Arcata, CA
- " Dr. Linda Greer, Natural Resources Defense Council, Washington, DC
- " Dr. Philip Hopke, Clarkson University, Potsdam, NY
- " Dr. Hilary Inyang, University of Massachusetts, Lowell, MA
- " Dr. Janet A. Johnson, Shepherd Miller Inc., Fort Collins, CO
- " Dr. Roger E. Kasperson, Stockholm Environment Institute, Stockholm, Sweden
- " Dr. Morton Lippman, New York University Medical Center, Tuxedo, NY
- * Dr. Raymond Loehr, University of Texas at Austin, Austin, TX
- + Dr. Granger M. Morgan, Carnegie Mellon University, Pittsburgh, PA
- + Dr. William H. Smith, Yale University, Haven, CT
- " Dr. Robert Stavins, Harvard University, Cambridge, MA
- " Dr. Rhodes Trussell, Montgomery Watson Consulting Engineers, Pasadena, CA
- + Dr. Mark Utell, University of Rochester, Rochester, NY
- + Dr. Terry F. Young, Environmental Defense Fund, Oakland, CA

Advisory Council on Clean Air Compliance Analysis (COUNCIL)

- + **Chair: Dr. Trudy Cameron, University of California, Los Angeles, CA**
- + **Past Chair: Dr. Maureen Cropper, The World Bank, Washington, DC**
- * Dr. Laurie Chestnut, Stratus Consulting, Boulder, CO
- + Dr. Donald Fullerton, University of Texas, Austin, TX
- + Dr. Lawrence Goulder, Stanford University, Stanford, CA
- + Dr. Jane Hall, California State University, Fullerton, CA
- * Dr. James Hammitt, Harvard University, Boston, MA
- + Dr. Charles Kolstad, University of California, Santa Barbara, CA
- + Dr. Lester Lave, Carnegie-Mellon University, Pittsburgh, PA
- + Dr. Paul Liroy, UMDNJ-Robert Wood Johnson Medical School, Piscataway, NJ
- + Dr. Paulette Middleton, RAND, Boulder, CO
- * Dr. V. Kerry Smith, North Carolina State University, Raleigh, NC

Clean Air Scientific Advisory Committee (CASAC) (7th seat to be announced)

+ **Chair: Dr. Philip Hopke, Clarkson University, Potsdam, NY**
Past Chair: Dr. Joe Mauderly, Lovelace Respiratory Research Institute, Albuquerque, NM

Dr. John Elston, New Jersey Department of Environmental Protection, Trenton, NJ
* Dr. Frederick Miller, Chemical Industry Institute of Toxicology, RTP, NC
Dr. Arthur Upton, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ
Dr. Sverre Vedal, University of British Columbia, Vancouver, BC Canada
* Dr. Barbara Zielinska, Desert Research Institute, Reno, NV

Dinking Water Committee (DWC)

+ **Chair: Dr. Rhodes Trussell, Montgomery Watson Consulting Engineers, Pasadena, CA**
Past Chair: Dr. Richard Bull, MoBull Consulting, Kennewick, WA

+ Dr. David Baker, Heidelberg College, Tiffin, OH
+ Dr. Mary Davis, West Virginia University, Morgantown, WV
Dr. Richardo DeLeon, Metropolitan Water District, Verne, CA
Dr. Yvonne Dragan, Ohio State University, Columbus, OH
Dr. John Evans, Harvard University, Boston, MA
* Dr. Sidney Green, Howard University, Washington, DC
Dr. Barbara Harper, Yakama Indian Nation, West Richland, WA
+ Dr. Lee D. McMullen, Des Moines Water Works, Moines, IA
+ Dr. Christine Moe, University of North Carolina, Chapel Hill, NC
* Dr. Philip Singer, University of North Carolina, Chapel Hill, NC
Dr. Gary Toranzos, University of Puerto Rico, San Juan, Puerto Rico

Ecological Processes and Effects Committee (EPEC)

+ **Chair: Dr. Terry Young, Environmental Defense Fund, Oakland, CA**

Dr. Miguel Acevedo, Institute of Applied Sciences, Denton, TX
Dr. Steven Bartell, Cadmus Group, Inc., Ridge, TN
* Dr. Gregory Biddinger, Exxon Mobil Refining & Supply Company, Fairfax, VA
Dr. Kenneth Cummins, Humboldt State University, Arcata, CA
* Dr. Virginia Dale, Oak Ridge National Laboratory, Oak Ridge, TN
* Dr. Ivan Fernandez, University of Maine, Orono, ME
Dr. Cynthia Gilmour, The Academy of Natural Sciences, St. Leonard, MD
* Dr. Lawrence L. Master, Association for Biodiversity Information, Boston, MA
+ Dr. Charles Pittinger, Procter & Gamble Co., Cincinnati, OH
+ Dr. Leslie Real, Emory University, Atlanta, GA
Dr. Frieda Taub, University of Washington, Seattle, WA

Legend = + reappointed for 2 years

" change in appointment

* first time appointees

Environmental Economics Advisory Committee (EEAC)

Chair: Dr. Robert Stavins, Harvard University, Cambridge, MA

- + Dr. Dallas Burtraw, Resources for the Future, Washington, DC
- Dr. Lawrence Goulder, Stanford University, Stanford, CA
- * Dr. Michael Haneman, University of California, Berkeley, CA
- * Dr. Gloria Hefland, University of Michigan, Ann Arbor, MI
- Dr. Dale Jorgenson, Harvard University, Cambridge, MA
- + Dr. Paul Joskow, Massachusetts Institute of Technology, Cambridge, MA
- Dr. Catherine Kling, Iowa State University, Ames, IA
- * Dr. Richard Norgaard, University of California-Berkeley, Berkeley, CA
- Dr. Richard Revesz, New York University, New York, NY
- + Dr. Jason Shogren, University of Wyoming, Laramie, WY
- + Dr. Hilary Sigman, Rutgers University, Brunswick, NJ

Environmental Engineering Committee (EEC)

Chair: Dr. Hilary Inyang, University of Massachusetts, Lowell, MA

- Dr. Barry H. Dellinger, Louisiana State University, Baton Rouge, LA
- Dr. Terry Foecke, Waste Reduction Institute, St. Paul, MN
- + Dr. Domenico Grasso, Smith College, Northampton, MA
- * Dr. Michael Kavanaugh, Malcolm Pirnie Inc., Oakland, CA
- Dr. Byung Kim, Ford Motor Company, Dearborn, MI
- + Dr. John Maney, Environmental Measurements Assessment, Gloucester, MA
- + Dr. Michael McFarland, Utah State University, Heights, UT
- * Dr. Thomas Theis, Clarkson University, Potsdam, NY
- * Dr. Valerie Thomas, Princeton University, Princeton, NJ

Environmental Health Committee (EHC)

- + **Chair: Dr. Mark Utell, University of Rochester, Rochester, NY**
- Dr. Cynthia Bearer, Rainbow Babies and Children's Hospital, Cleveland, OH
- Dr. John Doull, University of Kansas, Kansas City, KS
- * Dr. Paul Foster, CIIT, Research Triangle Park, NC
- Dr. David Hoel, University of South Carolina, Charleston, SC
- Dr. George Lambert, Environmental and Occupational Health Sciences Institute, UMDNJ, Piscataway, NJ
- + Dr. Grace Lemasters, University of Cincinnati, Cincinnati, OH
- * Dr. Ulrike Luderer, University of California, Irvine, CA
- + Dr. Abby Li, Monsanto, St. Louis, MO
- + Dr. Roy Shore, New York University, New York, NY

Legend = + reappointed for 2 years "" change in appointment * first time appointees

Integrated Human Exposure Committee (IHEC)

Chair: Dr. Henry A. Anderson, Wisconsin Department of Health and Family Services, Madison, WI

- + Dr. Ann Guiseppi-Elie, DuPont Engineering, Richmond, VA
- + Dr. Robert A. Harley, University of California, Berkeley, CA
- + Dr. Michael Jayjock, Rohm and Haas Co., Spring House, PA
- + Dr. Lovell Jones, University of Texas M.D. Anderson Cancer Center, Houston, TX
- Dr. Michael Lebowitz, University of Arizona, Tucson, AZ
- * Dr. Randy Maddalena, Lawrence Berkeley National Laboratory, Berkeley, CA
- * Dr. Rebecca Parkin, George Washington University, Washington, DC
- Dr. Barbara J. Petersen, Novigen Sciences, Inc., Washington, DC
- * Dr. Jed Waldman, California Department of Health Services, Berkeley, CA
- + Dr. David Wallinga, Natural Resources Defense Council, Washington, DC
- Dr. Charles Weschler, Telcordia Technologies, Red Bank, NJ

Radiation Advisory Committee (RAC)

Chair: Dr. Janet A. Johnson, Shepherd Miller, Inc., Fort Collins, CO

- + Dr. Lynn Anspaugh, University of Utah, Salt Lake City, UT
- + Dr. Vicki Bier, University of Wisconsin, Madison, WI
- Dr. Bruce Boecker, Lovelace Respiratory Research Institute, Albuquerque, NM
- Dr. Gilles Bussod, Los Alamos National Laboratory, Los Alamos, NM
- + Dr. Thomas Gesell, Idaho State University, Pocatello, ID
- * Dr. Richard Hornung, University of Cincinnati, Cincinnati, OH
- + Dr. Jill Lipoti, New Jersey Department of Environmental Protection, Trenton, NJ
- Dr. John Poston, Texas A&M University, College Station, TX
- Dr. Genevieve Roessler, Radiation Consultant, Elysian, MN

Research Strategies Advisory Committee (RSAC)

Chair: Dr. Raymond Loehr, University of Texas, Austin, TX
Past Chair: Dr. W. Randall Seeker, General Electric Energy & Environmental Research Corp., Irvine, CA

- Dr. William J. Adams, Kennecott Utah Copper Corp., Magna, UT
- Dr. Richard Bull, MoBull Consulting, Kennewick, WA
- Dr. Philip Hopke, Clarkson University, Postdam, NY
- + Dr. Alan Maki, EXXON Company, USA, Houston, TX
- + Dr. Genevieve Matanoski, Johns Hopkins University, Baltimore, MD
- + Dr. Maria Morandi, University of Texas, Houston, TX
- Dr. Ishwar Murarka, ISH Inc., Sunnyvale, CA

Legend = + reappointed for 2 years

" change in appointment

* first time
appointees

RSAC continued

- " Dr. William H. Smith, Yale University, Haven, CT
" Dr. Mark Utell, University of Rochester, Rochester, NY
" Dr. James E. Watson, University of North Carolina, Chapel Hill, NC
" Dr. Lauren Zeise, California Environmental Protection Agency, Oakland, CA

Legend = + reappointed for 2 years " change in appointment * first time appointees

FY00 Members who have completed their tour of service

Listed below are Members who have completed their terms of service with the SAB on September 30, 2000. These men and women have contributed significantly to helping the SAB pursue its goal; i.e., making a difference in the production and use of science at EPA. These experts deserve and receive gratitude for their efforts.

Dr. Lisa Alvarez-Cohen, University of California-Berkeley, EPEC
Dr. Ed Berkey, Concurrent Technologies Corporation, EEC
Dr. Gardner Brown, University of Washington, COUNCIL
Dr. Stephen Brown, Risks of Radiation Chemical Compounds (R2C2), RSAC
Dr. Calvin Chien, Dupont Company, EEC
Dr. Theodora Colborn, World Wildlife Fund, RSAC
Dr. Herman Daly, University of Maryland, EEAC
Dr. A. Myrick Freeman, Bowdoin College, COUNCIL
Dr. Nina French, SKY+ Ltd., EEC
Dr. Carol Johnston, University of Minnesota, EPEC
Dr. Kai-Shen Liu, California Department of Health Services, IHEC
Dr. Ellen Mangione, Colorado Department of Public Health, RAC
Dr. Thomas McKone, University of California, IHEC
Dr. Michele Medinsky, Toxicology Consultant, EHC
Dr. Paul Montagna, University of Texas, EPEC
Dr. Jerome Nriagu, University of Michigan, IHEC
Dr. Charles O'Melia, John Hopkins University, DWC
Dr. Eva Pell, Penn State University, CASAC
Dr. Warren White, Washington University, CASAC

COMMITTEE ACTIVITIES IN OCTOBER



On October 12-13, the *Clean Air Scientific Advisory Committee (CASAC)* met to review the EPA draft *Health Assessment Document for Diesel Exhaust* (EPA/600/8-90/057E, July

2000). This was the final in a series of meetings spanning several years in which CASAC has reviewed iterations of the Diesel document. The principal purpose of this meeting was for the Committee to determine if the Agency had responded to previous concerns of the Committee and if, in the Committee's view, the document is an adequate portrayal of the current state of knowledge on diesel emissions. During the discussions at the meeting, which included 17 public comments, the Committee provided EPA with numerous written and oral comments to further improve the draft document. At the close of the meeting, the Committee reached closure on the document.

On October 25, the *Natural Attenuation Research Subcommittee* of the EPA Science Advisory Board's *Environmental Engineering Committee (EEC)* met by conference call to edit their draft report. Not all members had time to review the October 16 draft as thoroughly as they had wished. Therefore, the Subcommittee agreed to discuss the draft and to take a preliminary vote section by section with the understanding that Subcommittee members could circulate further improvements for discussion on a second conference call Monday, November 6. The Subcommittee plans to submit its approved report at the December 5-7 EEC meeting.

On October 27, the *Research Strategies Advisory Committee (RSAC)* met via public teleconference. The committee held a consultation on the Office of Research and Development's (ORD) draft Strategic Plan 2000.

SAB REPORTS IN PROGRESS

a PROJECTS DUE FOR REVIEW AT THE NOVEMBER 1-2 EC MEETING

EEC

- 1) Commentary on Diffusion
- 2) Commentary on the Measures of Environmental Technology Performance

RAC

- 3) Advisory on TENORM

b PROJECTS DUE FOR LATER EC MEETINGS

EEC

- 1) Review of Natural Attenuation Research

EPEC

- 2) A Framework for Reporting on Ecological Conditions

EEC

- 3) Risk Reduction Options Report

RAC

- 4) Advisory on GENII Version 2.0

c PROJECTS THAT DO NOT REQUIRE EC APPROVAL

CASAC

- 1) Diesel Health Assessment Document

d PROJECTS THAT HAVE RECEIVED EC APPROVAL AND AWAIT COMPLETION

DWC

- 1) An SAB Report on Certain Elements of the Proposed Arsenic Drinking Water Regulation

Email: tillery.priscilla@epa.gov

or

by faxing your request to (202) 501-0256

COMPUTER NEWS

(1) SAB Website is within the EPA Home Page. You are invited to visit the SAB Website at URL: <http://www.epa.gov/sab> The site offers such features as



- (a) Full-text reports for FY1994-FY2001
- (b) Background information about the structure, function, and membership of the SAB
- (c) A rolling two-month calendar of SAB meetings
- (d) The most current issue of HAPPENINGS
- (e) Draft/final agendas of upcoming meetings and draft/final minutes of past meetings.
- (f) And much, much...well, maybe a little bit more!

(2) SAB Listserver - By subscribing to the free SAB Listserver, you will automatically receive copies of all Federal Register notices announcing SAB meetings, together with brief descriptions of the topics to be covered at the meetings. These notices will be e-mailed to you within 24-hours of their publication in the Federal Register.

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BOARD BIO

In this month's Board Bio we'd like to introduce you to A. MYRICK FREEMAN III who is the William D. Shipman Research Professor of Economics at Bowdoin College. Rick



received his Ph.D. in economics from the University of Washington in 1965. He has been on the faculty at Bowdoin College since that time and has served as Chair of the Economics Department and Director of the Environmental Studies Program there. He has also held appointments as Visiting College Professor at the University of Washington and Robert M. La Follette Distinguished Visiting Professor at the University of Wisconsin-Madison and as a Senior Fellow at Resources for the Future, a research organization in Washington, DC.

Dr. Freeman's principal research interests are in the areas of applied welfare economics, benefit-cost analysis, and risk management as applied to environmental and resource management issues. Much of his work has been devoted to the development of models and techniques for estimating the welfare effects of environmental changes such as the benefits of controlling pollution and the damages to natural resources due to releases of chemicals into the environment.

He has authored or co-authored eight books including *The Economics of Environmental Policy* (with Robert Haveman and Allen Kneese), *The Benefits of Environmental Improvement: Theory and Practice*, *Air and Water Pollution Control: A Benefit-Cost Assessment*, and most recently *The Measurement of Environmental and Resource Values*:

Theory and Methods. He has also published more than 70 articles and papers in academic journals and edited collections.

Dr. Freeman is concluding his service as a member of the Advisory Council on Clean Air Compliance Analysis. A long time SABer he has also served as a consultant on the Clean Air Scientific Advisory Committee, and the Environmental Economics Advisory Committee. He has also been a member of the Board on Toxicology and Environmental Health Hazards of the National Academy of Sciences.

On a personal "note", Rick lives with his wife on the coast of Maine and enjoys sailing, fishing for striped bass, and choral singing. He has performed for many years with the Bowdoin College Chorus and performed and recorded with the Rachmaninoff Festival Chorus.

MEMBER/CONSULTANTS/STAFF/NEWS

Staff



Dr. Jack Kooyoomjian is back after an 8-month detail with the EPA Office of Cooperative and Environmental Management (OCEM) from mid-February to mid-October. Jack worked as the OCEM Liaison to the various National Advisory Council for Environmental Policy and Technology (NACEPT) Subcommittees, as providing support on re-invigorating NACEPT. He also dealt lightly in international border issues between the U.S. and Mexico by assisting in the activities of the Good Neighbor Advisory Board (GNEB). He had the opportunity to work on special projects, and to provide insights on SAB procedures and how they might work in the OCEM area. He also made a lot of friends in OCEM and around the Agency in the process.

He is now back at the SAB and will engage in some new committee assignments, no doubt

assisting the SAB members and consultants in solving the difficult science questions facing the Agency over the ages, or at least these past three decades. Welcome back, Jack!

Members/Consultants

In January, 2001, Dr. Hilary Inyang, chair of the Environmental Engineering Committee (EEC), will move from the University of Massachusetts-Lowell where he is currently, University Professor and Environmental Research Center Director, to the University of North Carolina-Charlotte to serve as the Duke Energy Endowed Distinguished Professor of Environmental Engineering and Science, Professor of Earth Sciences, and Director of the Geoenvironmental and Energy Systems Research Laboratory (GESRL). GESRL is the core facility of the Global Institute for Energy and Environmental Systems (GIEES) which is being planned.



In August, 2000, Dr. Inyang was elected as the President of the International Society of Environmental Geotechnology (ISEG) by participants of the 5th International Environmental Geotechnology Symposium in Belo Horizonte, Brazil.

Dr. Mark Utell, Chair of the Environmental Health Committee (EHC) and Professor at the University of Rochester Medical School, has been appointed to serve as the new Chair of the Health Effects Institute's Health Research Committee effective October 1, 2000.



BON MOT



As evidence that scientists can be interdisciplinary, think outside the box, and otherwise span the gulf between C.P. Snow's two cultures, we offer the following contribution from an Agency science advisor, who, at the request of his wife and children, shall remain nameless:



Recently a guy in Paris nearly got away with stealing several paintings from the Louvre. However, after planning the crime, breaking in, evading security, getting out, and escaping with the goods, he was captured only two blocks away when his econoline van ran out of petrol.



When asked how he could mastermind such a crime and then make such an obvious error, he replied: "I had no Monet to buy Degas to make the Van Gogh."